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(54) Title: CHOPPED FIBERGLASS LAMINATE FOR AUTOMOTIVE HEADLINERS AND METHOD OF FABRICATION

(57) Abstract: A chopped fiberglass containing laminate for fabricating sound absorbing moldable structures, such as an automotive headliner is provided. The laminate includes a nonwoven fine denier thermoplastic fiber scrim, a thermoplastic barrier film on one surface and a layer of chopped fiberglass and powder adhesive on the exposed surface of the barrier film. The laminate is combined with a foam core, fiberglass layer and decorative fabric on the fiberglass layer to provide a composite having elongation exceeding 30 % in both machine and transverse directions for forming the headliner. An apparatus and method for forming the laminate are so disclosed.